| A. Identification and Coding Information                |               |                   | 2. Date: October 1, 2003             | 7. Pre PDF Pg.No.: 8. Req. Adeq. Pub. Fac. |  |  |  |
|---|---------------|-------------------|--------------------------------------|--|--|--|--|
| 1. Project Number                                       | Agency Number | Update Code       |                                      |  |  |  |  |
| 023800  | W-153.00      | Change            | Revised:                             |  |  |  |  |
| 3. Project Name: Laytonsville Elevated Tank and Pumping |               |                   | g Station 5.Agency: WSSC             |  |  |  |  |
| 4. Program:   | Sanitation (  | 6. Planning Area: | Goshen, Woodfield & Vicinity P.A. 14 |  |  |  |  |

| B. Expenditure Schedule (000's) |       |             |                  |               |                |                |                |                |                |                |                |
|---------------------------------|-------|-------------|------------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                                 | (8)   | (9)<br>Thru | (10)<br>Estimate | (11)<br>Total | (12)<br>Year 1 | (13)<br>Year 2 | (14)<br>Year 3 | (15)<br>Year 4 | (16)<br>Year 5 | (17)<br>Year 6 | (18)<br>Beyond |
| Cost Elements                   | Total | FY '03      | FY '04           | 6 Years       | FY '05         | FY '06         | FY '07         | FY '08         | FY '09         | FY '10         | 6 Years        |
| Planning, Design & Supervision  | 578   | 116         | 81               | 381           | 191            | 190            |                |                |                |                |                |
| Land                            |       |             |                  |               |                |                |                |                |                |                |                |
| Site Improvements & Utilities   |       |             |                  |               |                |                |                |                |                |                |                |
| Construction                    | 2,537 |             |                  | 2,537         | 1,110          | 1,427          |                |                |                |                |                |
| Other                           | 450   |             | 12               | 438           | 195            | 243            |                |                |                |                |                |
| Total                           | 3,565 | 116         | 93               | 3,356         | 1,496          | 1,860          |                |                |                |                |                |
| C. Funding Schedule (000's)     |       |             |                  |               |                |                |                |                |                |                |                |
| SDC                             | 562   | 116         | 12               | 434           | 194            | 240            |                |                |                |                |                |
| Contribution/Other              | 3,003 |             | 81               | 2,922         | 1,302          | 1,620          |                |                |                |                |                |

## D. Description & Justification

## DESCRIPTION

The project involves project planning design and construction for the creation of a new pressure zone to serve the town of Laytonsville and surrounding communities. Community outreach, site selection, design, and construction of 0.5 million gallon elevated storage tank and 1.72 MGD pumping station will be part of this project. The purpose of this project is to provide public water service to existing residences and commercial properties in addition to new homes in the town of Laytonsville and the surrounding communities. To the extent that this project will add new hookups to WSSC's existing customer base, 100% of this project supports future growth. Refer to the definition of growth projects in the Expenditure Section of the Program Overview at the front of this document.

Service Area Montgomery County High Zone Pressure Zone

# JUSTIFICATION

#### Plans & Studies

A preliminary Study for the Proposed Water Service Area for Town of Laytonsville (October, 1999); Memorandum dated October 18, 2001, from Manager of the Well and Septic Section, Montgomery County Department of Permitting services, to Water and Waste Water Management, Montgomery County Department of Environmental Protection, finding that connection to the public water system will help address problems caused by ground water contamination and lack of available septic replacement areas; Montgomery County Ten-Year Comprehensive Water Supply and Sewerage Systems Plan.

### **Specific Data**

The preliminary Study for Proposed Water Service Area for Town of Laytonsville indicates that due to high ground elevations, a new pressure zone which entails a pumping station and an elevated storage tank is required. In May 2001 under CR 14-857, the Montgomery Council acted to permanently restrict the provision of community water service from any properties in the town currently zoned AG and from any properties adjacent to or near the town within the county zoned RDT. The Town of Laytonsville filed a formal application for water service with the WSSC in November 2001. The attached map presents the original study area and not the approved water service boundaries.

#### **Cost Change**

Not Applicable

STATUS Planning (WSSC Contract No. BM2938A00, ).

## **OTHER**

The project scope has remained the same. Expenditures shown in Block B are planning level estimates and may increase or decrease as the project scope is further refined through additional planning and design. It is estimated that an additional \$1.85 million of non-CIP sized pipeline work will also be required. The funding source shown in Block C is preliminary. The expenditure and construction

| E. Annual Opera | iting Budget Impact (000's) | FY of Impact |  |  |  |
|-----------------|-----------------------------|--------------|--|--|--|
| Program Costs   | Staff                       |              |  |  |  |
|                 | Other                       |              |  |  |  |
| Facility Costs  | Maintenance                 |              |  |  |  |
|                 | Debt Service                |              |  |  |  |
| Total Costs     |                             |              |  |  |  |
| Impact on Water | or Sewer Rate               |              |  |  |  |

# F. Approval and Expenditure Data (000's)

| ł |                                   |       |
|---|-----------------------------------|-------|
| 1 | Date First in Capital Program     | FY 02 |
| 1 | Date First Approved               | FY 02 |
| 1 | nitial Cost Estimate              | 58    |
| 1 | Cost Estimate Last FY             | 3,496 |
| 1 | Present Cost Estimate             | 3,565 |
|   | Approved Request, Last FY         | 92    |
| - | Total Expenditures & Encumbrances | 116   |
| 1 | Approval Request FY 05            | 1,496 |
|   | Supplemental Approval Request     |       |

#### G. Status Information

Land Status: Land & R/W to be acquired

% Project Completion: P-90%
Est. Completion Date: June 2006

#### H. Map Map Reference Code:

SEE ATTACHED MAP

# D. DESCRIPTION & JUSTIFICATION (CONT.)

Agency Number: W - 153.00

Project Name: Laytonsville Elevated Tank and Pumping Station

schedule presented above in Block B assumes that WSSC, the Developer of the Faulk's property, and the Town of Laytonsville will have agreed during the course of fiscal year 2004 to the funding mechanism for \$1 million of the Contribution/Other funding shown above in Block C as identified in WSSC's Adopted FY's 2004-2009 CIP. Construction will not proceed until the funding mechanism issue is resolved. Land costs are included on WSSC Project W-200.00.

### COORDINATION

Maryland-National Capital Park & Planning Commission and Montgomery County Department of Environmental Protection.

NOTE This project supports 100% Growth.

